

AS.

Original/Cuplicate/Triplicate

Est. Cost :

No : 1st and Final

YNK-DGR No.

CONTRACT CERTIFICATE

AEE, YSTD

Division : Yelahanka Division

Date

(for Other Works)

SBR No:

77/8-25

Bill Received No.

Dated

Cash Book Voucher No.

Date

22/01/2024

Schedule Docket No.

Sub-Division:

Yelahanka New Town Sub-Division

Name of Work: "Repair and renovation to Samudhaya Building at JP colony in ward no-05 Yelahanka New town sub division"

Head of Account : P-37

Job Code No:

005-23-000010

Name of Contractor and Full address : Sri. Akhilesh C, Contractor Bangalore

Work Order No: BBMP/EE/YNK D/EPMT-12/W.O/108/2022-23

Date: 08.02.2023

Certified that the measurements were taken by me on 13/12/2023 and recorded of Pages 13001 to 13004 of measurement Book No 13004 and that the work is satisfactorily executed

Contractor

Officer-in-charge of work

Certified that measurements were taken by me on 15/12/23 and found correct.

The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of Account it have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an impenshable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed by the contractors is recorded in the office.

If Memorandum of Payment

1) Total value of work done or suppliers made as per account with in

2) Deduct amount to be held in reserve being Present Rs.

3) Balance

4) Deduct Payment

a) Amount of previous payment as in the Office Cash Book Voucher

Dated

S.D. No

Amount adjusted towards cash advance recovery of

b) Payments cost store or other materials supplied

Now made recovery of amount creditable to this/other work

Amount paid on this bill Cheque/Cash

5) Balance being unpaid value of work done held in reserve

6) Deduct cash advance made on the Office Cash Book Voucher No dated Loss adjustments

7) Net amount due to or from contractor unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied

Gross Amt =	1014000.00
P&D =	
COST =	8593.00
SCOST =	8593.00
IT =	10140.00
IC =	10140.00
CRT =	1014.00
Fine =	3500.00
Remission =	4300.00
T.M. =	46280.00
Net Amt =	967720.00

Contractor's Signature

Received Rs. (in words)

by cash and by adjustment of Payment as per memorandum.

Witnesses:

1

2

Dated

Signature of contractor

Paid by me by cheque No

Dated

Cash Rs

Dated

Initials of Officer making Payment

Audited & Admitted for Rs. 1014000.00

Stamp

967720.00

46280.00

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

EXECUTIVE ENGINEER: YELAHANKA DIVISION

Name of Work: "Repair and renovation to Samudhaya Building at JP colony in ward no-05 Yelahanka New town sub division"

1st & Final Bill

Sl. No.	Description of work	Unit	Schedule-B			Previous Measurement		Present Measurement			Total UP-to-date		Remarks
			Quantity	Rate	Cost	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
1	Demolishing R.C.C. work manually by mechanical means including stacking of steel bars and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer-in-charge.	Sqm	14.40	1798.54	25898.98	0.00	0.00	14.40	1798.54	25,898.98	14.40	25,898.98	
2	Extra for cutting reinforcement bars manually by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer-in-charge.	Sqm	13.20	540.14	7129.85	0.00	0.00	13.20	540.14	7,129.85	13.20	7,129.85	
3	Demolishing brick work manually by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer-in-charge.	Sqm	13.08	357.19	4672.05	0.00	0.00	13.08	357.19	4,672.05	13.08	4,672.05	
6	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer) with water absorption less than 0.08 % and conforming to IS 15622 of approved make, in all colours & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand) jointing with grey cement slurs @ 3.3 kg/m ² including grouting the joint with white cement & matching pigments etc. complete.	Sqm	48.01	105.34	5057.11	0.00	0.00	48.01	105.34	5,057.11	48.01	5,057.11	
7	Providing and Fixing pvc cast covering slab made out of CC 1:2:4 with 10mm thick and Finishing - Poling - including 10mm work curing including cost of all materials, labour, hire charges of machinery loading, unloading, lead and lift, transportation etc. complete.	Sqm	69.66	1823.36	127015.26	0.00	0.00	69.66	1823.36	1,27,015.26	69.66	1,27,015.26	
8	Earth work excavation by manual means for drains, canals, water well, draft, approach channels, key trenches, foundation of bridges and such similar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, curbing, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appliances required to complete the work. Depth exceeding 1.5m, but not exceeding 3 m.	Cum	3.75	192.63	722.36	0.00	0.00	3.75	192.63	722.36	3.75	722.36	
	Qty Excavated Above 125% >	Cum	21.31	185.30	3947.98	0.00	0.00	21.31	185.30	3,947.98	21.31	3,947.98	
9	Providing and Filling in foundations with granite / trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications.	Cum	0.25	2479.05	619.76	0.00	0.00	0.25	2479.05	619.76	0.25	619.76	
	Qty Excavated Above 125% >	Cum	2.26	2384.68	5378.87	0.00	0.00	2.26	2384.68	5,378.87	2.26	5,378.87	

Sl. No.	Description of work	Unit	Schedule-B			Previous Measurement		Present Measurement			Total UP-to-date		Remarks
			Quantity	Rate	Cost	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
10	Providing and laying in position plain cement concrete for leveling course for all works in foundation. The granite trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators including all lead & lifts, cost of all materials of quality, labour. Usage charges of machinery curing and all the other appurtenances required to complete the work as per technical specifications. Max 1306 (M10) Using 40 mm nominal size graded crushed coarse aggregates.	Cum	0.38	5376.27	2016.10	0.00	0.00	0.38	5376.27	2,016.10	0.38	2,016.10	
	Qty Exceeded Above 125% :-	Cum	2.50	5171.61	12908.33	0.00	0.00	2.50	5171.61	12,908.33	2.50	12,908.33	
12	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, conforming to the requirements of relevant IS codes, labour. Usage charges of machinery curing and all other appurtenances required to complete the work as per technical specifications.	Cum	0.75	6380.28	4785.21	0.00	0.00	0.75	6380.28	4,785.21	0.75	4,785.21	
	Qty Exceeded Above 125% :-	Cum	5.51	5985.23	33002.55	0.00	0.00	5.51	5985.23	33,002.55	5.51	33,002.55	
16	Providing Thermo-Mechanically Treated bars of grade Fe-550 Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members wherever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately)	Kgs	368.75	92.93	34267.94	0.00	0.00	368.75	92.93	34,267.94	368.75	34,267.94	
	Qty Exceeded Above 125% :-	Kgs	69.73	89.39	6233.19	0.00	0.00	69.73	89.39	6,233.19	69.73	6,233.19	
17	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m ³ and minimum compressive strength of 4.00 N/mm ² conforming to IS 2185 (Part I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.	Sqm	21.80	1027.05	22389.69	0.00	0.00	21.80	1027.05	22,389.69	21.80	22,389.69	
18	Dismantling plastering and removing the debris with a lead upto 200m	Sqm	139.68	35.82	5003.43	0.00	0.00	139.68	35.82	5,003.43	139.68	5,003.43	
19	Providing 18 mm cement plaster in two coats under layer 12 mm thick cement plaster with cement mortar 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster with cement mortar 1:3 (1 cement : 3 coarse sand) finished rough with sprunge to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	Sqm	110.62	311.70	34480.25	0.00	0.00	110.62	311.70	34,480.25	110.62	34,480.25	
20	Providing 20 mm cement plaster of max. 1:4 (1 cement : 4 fine sand) to brickstone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	Sqm	21.80	289.43	6309.57	0.00	0.00	21.80	289.43	6,309.57	21.80	6,309.57	

Sl. No.	Description of work	Unit	Schedule-B			Previous Measurement		Present Measurement			Total UP-to-date		Remarks
			Quantity	Rate	Cost	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
21	Providing 12mm thick cement plaster in flooring void of best cement of max. 1:4 to Brick masonry including rounding off corners whenever reduced smooth rendering, providing and removing scaffolding, including cost of materials labour, curing complete as per specifications and as per direction of Engineer-in-charge.	Sqm	43.06	253.62	10920.24	0.00	0.00	43.06	253.62	10,920.24	43.06	10,920.24	
22	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.	Sqm	139.68	80.34	11222.09	0.00	0.00	139.68	80.34	11,222.09	139.68	11,222.09	
23	Finishing walls with Acrylic Smooth exterior paint of required shade. New work (Two coat applied @ 1.67 ltr/10 m ² over and including priming coat of exterior primer applied @ 2.20 kg/10 m ²) with paint of approved quality to give an even shade, after thorough cleaning the surface to remove all dirt, dust, mortar drips and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	230.72	131.65	30374.62	0.00	0.00	230.72	131.65	30,374.62	230.72	30,374.62	
24	Finishing with Epoxy paint (two coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On concrete work including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	252.52	133.58	33731.96	0.00	0.00	252.52	133.58	33,731.96	252.52	33,731.96	
25	Providing and laying 52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 knc per 50 kg of cement or as per direction of Engineer in charge.	Sqm	10.41	716.76	7463.26	0.00	0.00	10.41	716.76	7,463.26	10.41	7,463.26	
	Qty Executed Above 125% :-	Sqm	18.65	674.15	12572.95	0.00	0.00	18.65	674.15	12,572.95	18.65	12,572.95	
26	Providing and placing on terraces(at all floor levels), polyethylene water storage tanks as per IS 12701 marked,with cover and suitable locking arrangement and making necessary holes for inlet,outlet and overflow pipes but without fittings and the base support for tank(For 1000 litre capacity).	Ltr	2000.00	7.92	15840.00	0.00	0.00	2000.00	7.92	15,840.00	2000.00	15,840.00	

Sl. No.	Description of work	Unit	Schedule-B			Previous Measurement		Present Measurement			Total UP-to-date		Remarks
			Quantity	Rate	Cost	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
27	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating at New terrace/Chajja/Sunken portion of WC/Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in coats @ 1.6kg per m ² to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @ 150 g per m ² and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making curing at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer in charge.	Sqm	83.33	737.55	61461.89	0.00	0.00	83.33	737.55	61,461.89	83.33	61,461.89	
28	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 40 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling at approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required. W.C pan with ISI marked white solid plastic seat and lid.	Each	2.00	4954.95	9909.90	0.00	0.00	2.00	4954.95	9,909.90	2.00	9,909.90	
29	Providing and fixing one piece construction white vitreous china squatting plate with an integral longitudinal flushing pipe, white P.V.C. automatic flushing cistern, with fittings, standard size G.I. / PVC flush pipe for back and front flush with standard spreader pipes with fittings, G.I. clamps and C.P. union coupling complete, including painting of fittings and cutting and making good the walls and floors etc. wherever required. Single squatting plate with 5 litre P.V.C. automatic flushing cistern.	Each	2.00	5147.01	10294.02	0.00	0.00	2.00	5147.01	10,294.02	2.00	10,294.02	
30	LED Indoor Supplying of 2' feet - LED PVC Square Batten, W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical condition LED light fitting 4 - 28 watts complete and as per the directions of the Engineer-in-charge of the work.	Each	15.00	446.40	6696.00	0.00	0.00	15.00	446.40	6,696.00	15.00	6,696.00	
31	Supplying and fixing of slim patty fitting, made out of CRCA Sheet metal body with locking type buckle completely wired. Excluding Ballast & Fluorescent Tube.	Each	8.00	1876.50	15012.00	0.00	0.00	8.00	1876.50	15,012.00	8.00	15,012.00	
32	Supplying heavy gauge PVC conduit pipe --- mm dia --- mm thick conforming to IS 2509 with suitable size bends, metal/PVC Junction boxes, adhesive paste etc. and running before concreting the slab. The conduit should be laid in the reinforcement rods by using bending wires and unrolled ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 25mm dia 2mm thick (excluding audio system) complete and as per the directions of the Engineer-in-charge of the work 25mm dia 2mm thick.	M	40.00	63.00	2520.00	0.00	0.00	40.00	63.00	2,520.00	40.00	2,520.00	

